

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y012721S.M
 Title : SW846 8260
 Last Update : Thu Jan 28 04:46:32 2021
 Response Via : Initial Calibration

Calibration Files

5 =VY003944.D 10 =VY003945.D 20 =VY003946.D 50 =VY003947.D 100 =VY003948.D 150 =VY003949.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.741	0.811	0.716	0.548	0.532	0.593	0.657	17.45
3) P	Chloromethane	1.470	1.239	1.086	0.910	0.796	0.864	1.061	24.25
4) C	Vinyl Chloride	1.246	1.187	1.070	0.948	0.912	1.007	1.062	12.51#
5) T	Bromomethane	1.059	0.885	0.796	0.602	0.560	0.590	0.749	26.67
6) T	Chloroethane	0.773	0.652	0.603	0.505	0.492	0.479	0.584	19.73
7) T	Trichlorofluor...	1.352	1.421	1.233	1.165	1.125	1.038	1.222	11.74
8) T	Diethyl Ether	0.431	0.416	0.412	0.390	0.372	0.355	0.396	7.30
9) T	1,1,2-Trichlor...	0.712	0.719	0.658	0.616	0.617	0.597	0.653	8.02
10) T	Methyl Iodide	0.347	0.541	0.651	0.759	0.808	0.775	0.647	27.35
11) T	Tert butyl alc...	0.136	0.107	0.103	0.078	0.072	0.072	0.095	26.91
12) CM	1,1-Dichloroet...	0.643	0.750	0.641	0.617	0.612	0.588	0.642	8.83#
13) T	Acrolein	0.075	0.072	0.074	0.079	0.074	0.080	0.076	4.06
14) T	Allyl chloride	1.376	1.372	1.288	1.283	1.210	1.214	1.290	5.63
15) T	Acrylonitrile	0.211	0.221	0.195	0.199	0.192	0.201	0.203	5.30
16) T	Acetone	0.201	0.211	0.178	0.196	0.191	0.205	0.197	5.89
17) T	Carbon Disulfide	2.371	2.289	2.088	1.947	1.936	1.859	2.082	9.99
18) T	Methyl Acetate	0.705	0.581	0.546	0.504	0.489	0.504	0.555	14.59
19) T	Methyl tert-bu...	2.013	2.016	1.922	1.876	1.820	1.852	1.917	4.31
20) T	Methylene Chlo...	1.118	0.995	0.835	0.730	0.707	0.674	0.843	21.11
21) T	trans-1,2-Dich...	0.811	0.808	0.717	0.695	0.700	0.681	0.735	7.96
22) T	Diisopropyl ether	2.748	2.864	2.574	2.571	2.460	2.469	2.614	6.13
23) T	Vinyl Acetate	1.657	1.805	1.698	1.708	1.632	1.686	1.698	3.51
24) P	1,1-Dichloroet...	1.438	1.478	1.345	1.304	1.276	1.248	1.348	6.81
25) T	2-Butanone	0.299	0.289	0.268	0.290	0.282	0.301	0.288	4.18
26) T	2,2-Dichloropr...	1.341	1.378	1.207	1.178	1.165	1.157	1.238	7.80
27) T	cis-1,2-Dichlo...	0.870	0.929	0.794	0.813	0.790	0.781	0.830	7.02
28) T	Bromochloromet...	0.644	0.640	0.600	0.543	0.491	0.511	0.572	11.57
29) T	Tetrahydrofuran	0.194	0.194	0.183	0.186	0.178	0.190	0.187	3.38
30) C	Chloroform	1.391	1.478	1.344	1.340	1.284	1.265	1.350	5.72#
31) T	Cyclohexane	1.550	1.501	1.312	1.235	1.235	1.200	1.339	11.22
32) T	1,1,1-Trichlor...	1.256	1.355	1.228	1.218	1.172	1.163	1.232	5.65
33) S	1,2-Dichloroet...	0.838	0.827	0.796	0.814	0.728	0.734	0.789	6.00
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.434	0.450	0.439	0.429	0.413	0.405	0.428	3.89
36) T	1,1-Dichloropr...	0.707	0.773	0.681	0.672	0.687	0.638	0.693	6.52
37) T	Ethyl Acetate	0.471	0.447	0.437	0.431	0.405	0.432	0.437	4.98
38) T	Carbon Tetrach...	0.802	0.811	0.733	0.728	0.716	0.696	0.748	6.34
39) T	Methylcyclohexane	0.944	0.911	0.868	0.841	0.866	0.847	0.879	4.56
40) TM	Benzene	2.113	2.151	1.968	1.943	1.942	1.915	2.005	5.01
41) T	Methacrylonitrile	0.233	0.273	0.267	0.280	0.244	0.264	0.260	6.84
42) TM	1,2-Dichloroet...	0.698	0.696	0.650	0.633	0.611	0.614	0.650	5.97
43) T	Isopropyl Acetate	0.841	0.855	0.804	0.817	0.809	0.850	0.829	2.64
44) TM	Trichloroethene	0.572	0.578	0.523	0.517	0.523	0.518	0.538	5.29
45) C	1,2-Dichloropr...	0.541	0.567	0.505	0.499	0.499	0.498	0.518	5.64#
46) T	Dibromomethane	0.284	0.291	0.272	0.272	0.271	0.273	0.277	2.98
47) T	Bromodichlorom...	0.752	0.762	0.708	0.705	0.699	0.689	0.719	4.18
48) T	Methyl methacr...	0.399	0.405	0.389	0.394	0.387	0.409	0.397	2.24
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	9.04
50) S	Toluene-d8	1.737	1.803	1.727	1.779	1.701	1.664	1.735	2.92
51) T	4-Methyl-2-Pen...	0.454	0.437	0.424	0.434	0.435	0.448	0.439	2.45
52) CM	Toluene	1.309	1.353	1.226	1.220	1.253	1.228	1.265	4.29#
53) T	t-1,3-Dichloro...	0.771	0.774	0.740	0.743	0.752	0.744	0.754	1.98
54) T	cis-1,3-Dichlo...	0.864	0.904	0.825	0.833	0.828	0.780	0.839	4.94
55) T	1,1,2-Trichlor...	0.417	0.405	0.367	0.375	0.391	0.380	0.389	4.88
56) T	Ethyl methacry...	0.566	0.528	0.526	0.558	0.577	0.583	0.556	4.35

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57)	T	1,3-Dichloropr...	0.716	0.714	0.679	0.665	0.680	0.671	0.688	3.19
58)	T	2-Chloroethyl ...	0.314	0.299	0.273	0.264	0.256	0.255	0.277	8.89
59)	T	2-Hexanone	0.307	0.300	0.288	0.291	0.312	0.319	0.303	3.98
60)	T	Dibromochlorom...	0.487	0.520	0.480	0.479	0.486	0.481	0.489	3.20
61)	T	1,2-Dibromoethane	0.406	0.390	0.354	0.369	0.372	0.371	0.377	4.91
62)	S	4-Bromofluorob...	0.598	0.648	0.603	0.606	0.601	0.593	0.608	3.31
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.687	0.665	0.615	0.584	0.600	0.576	0.621	7.27
65)	PM	Chlorobenzene	1.544	1.521	1.403	1.369	1.426	1.357	1.437	5.45
66)	T	1,1,1,2-Tetrac...	0.589	0.587	0.546	0.527	0.538	0.523	0.552	5.35
67)	C	Ethyl Benzene	2.776	2.842	2.603	2.594	2.693	2.607	2.686	3.87#
68)	T	m/p-Xylenes	1.029	1.068	0.956	0.969	1.007	0.976	1.001	4.24
69)	T	o-Xylene	0.960	1.007	0.928	0.909	0.957	0.913	0.945	3.91
70)	T	Styrene	1.638	1.658	1.594	1.570	1.652	1.599	1.619	2.20
71)	P	Bromoform	0.348	0.361	0.333	0.337	0.348	0.329	0.343	3.50
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	5.132	5.159	4.516	4.615	4.794	4.691	4.818	5.60
74)	T	N-amyl acetate	1.541	1.546	1.484	1.523	1.568	1.407	1.512	3.87
75)	P	1,1,2,2-Tetrac...	0.962	0.900	0.828	0.871	0.906	0.901	0.895	4.91
76)	T	1,2,3-Trichlor...	0.717	0.642	0.609	0.737	0.636	0.616	0.659	8.20
77)	T	Bromobenzene	1.273	1.286	1.139	1.118	1.173	1.149	1.190	6.07
78)	T	n-propylbenzene	6.032	6.328	5.609	5.590	5.711	5.583	5.809	5.26
79)	T	2-Chlorotoluene	3.438	3.498	3.159	3.136	3.219	3.117	3.261	5.06
80)	T	1,3,5-Trimethy...	4.285	4.519	4.077	4.084	4.098	3.969	4.172	4.75
81)	T	trans-1,4-Dich...	0.372	0.344	0.347	0.351	0.356	0.359	0.355	2.89
82)	T	4-Chlorotoluene	3.471	3.857	3.359	3.284	3.375	3.273	3.436	6.34
83)	T	tert-Butylbenzene	3.536	3.582	3.373	3.325	3.393	3.305	3.419	3.33
84)	T	1,2,4-Trimethy...	4.304	4.406	4.068	4.039	4.091	3.996	4.151	3.97
85)	T	sec-Butylbenzene	4.852	5.043	4.688	4.647	4.754	4.553	4.756	3.63
86)	T	p-Isopropyltol...	4.320	4.605	4.295	4.353	4.426	4.280	4.380	2.78
87)	T	1,3-Dichlorobe...	2.336	2.378	2.236	2.163	2.234	2.183	2.255	3.76
88)	T	1,4-Dichlorobe...	2.333	2.351	2.158	2.131	2.168	2.091	2.205	4.96
89)	T	n-Butylbenzene	4.461	4.596	4.114	4.068	3.817	3.899	4.159	7.42
90)	T	Hexachloroethane	0.783	0.887	0.774	0.789	0.800	0.756	0.798	5.76
91)	T	1,2-Dichlorobe...	2.116	2.239	1.914	1.899	1.884	1.883	1.989	7.61
92)	T	1,2-Dibromo-3-...	0.208	0.165	0.157	0.166	0.167	0.164	0.171	10.82
93)	T	1,2,4-Trichlor...	1.549	1.479	1.326	1.288	1.346	1.247	1.373	8.52
94)	T	Hexachlorobuta...	0.977	1.014	0.905	0.810	0.802	0.766	0.879	11.60
95)	T	Naphthalene	2.721	2.645	2.474	2.496	2.562	2.537	2.572	3.65
96)	T	1,2,3-Trichlor...	1.333	1.295	1.168	1.143	1.149	1.107	1.199	7.67

(#) = Out of Range